Check List 2007: **3**(2)
ISSN: 1809-127X

NOTES ON GEOGRAPHIC DISTRIBUTION

Amphibia, Anura, Bufonidae, *Melanophryniscus krauczuki*: Geographic distribution map and first record for Paraguay.

Francisco Brusquetti[1]
Diego Baldo[2]
Martha Motte[3]

[1]Instituto de Herpetología, Fundación Miguel Lillo. Miguel Lillo 251. 4000, Tucumán, Argentina. E-mail: franbrusquetti@gmail.com

[2]Laboratorio de Genética Evolutiva y Molecular, Departamento de Genética, Facultad de Ciencias Exactas, Químicas y Naturales, Universidad Nacional de Misiones. CONICET. Félix de Azara 1552. 3300, Posadas, Misiones, Argentina.

[3]Museo Nacional de Historia Natural del Paraguay. Sucursal 1, Ciudad Universitaria, 2169 CDP, Central XI, San Lorenzo, Paraguay.

The genus *Melanophryniscus* currently comprises 20 recognized species (Di-Bernardo et al. 2006) which are distributed in southern Bolivia, Paraguay, central and northern Argentina, south and southeastern Brazil, and Uruguay (Frost 2007). *Melanophryniscus krauczuki* was recently described by Baldo and Basso (2004) from five localities in the southern region of the Province of Misiones, Argentina. Its presence in Paraguay was considered probable by Brusquetti and Lavilla (2006) due to the geographic proximity.

Herein we present the first record of *M. krauczuki* for Paraguay and a new locality for Argentina, extending its distribution range 42 km to the northwest and 53 km southwards from the known localities. We also provide a distribution map with all localities known for this species.

The record for Paraguay corresponds to a specimen collected in the Department of Itapúa on 24 February 2006, 3.8 km southeast from the city of Carmen del Paraná and 1 km north from the Rio Paraná (27°14' S, 56°06' W), in a small basaltic hill approximately 125 m in elevation. The specimen was collected under a rock in a bush grassland habitat with occasional forest remnants abundant with *Astronium* sp. The locality is located in the transition zone between the Atlantic Forest and Humid Chaco eco-regions (Dinerstein et al. 1995). The specimen is housed, as part the herpetological collection, in the Museo Nacional de Historia Natural del Paraguay (MNHNP 11122).

The new record for Argentina was based on four specimens collected in the Province of Misiones, Department of Concepción, Barra Concepción (28°06' S, 55°32' W). The specimens are deposited in the Diego Baldo collection, housed in the Museo de la Plata, Buenos Aires, Argentina (MLP DB 2595-97, 2752).

Figure 1. *Melanophryniscus krauczuki*, adult female in life; dorsal (A) and ventral (B) views.

NOTES ON GEOGRAPHIC DISTRIBUTION

Figure 2. *Unkenreflex* in an adult male specimen of *Melanophryniscus krauczuki*.

Figure 3. Distribution of *Melanophryniscus. krauczuki*; closed circles, new records; open circles, previous records (Baldo and Basso 2004).

Acknowledgements

We thank Noé De La Sancha (Texas Tech University) and John A. Kochalka (Museo Nacional de Historia Natural del Paraguay) for valuable language corrections, and to Ernesto Krauczuk by its aid in the field tasks.

Literature cited

Baldo, D. and N. G. Basso. 2004. A new species of *Melanophryniscus* Gallardo, 1961 (Anura: Bufonidae), with comments on the species of the genus reported for Misiones, northeastern Argentina. Journal of Herpetology 38(3): 393-403.

Brusquetti, F. and E. O. Lavilla. 2006. Lista comentada de los anfibios de Paraguay. Cuadernos de Herpetología 20(2): 3-79.

Di-Bernardo, M., R. Maneyro, and H. Grillo. 2006. New species of *Melanophryniscus* (Anura: Bufonidae) from Rio Grande do Sul, southern Brazil. Journal of Herpetology 40(2): 261-266.

Dinerstein, E., D. M. Olson, D. J. Graham, A. L. Webster, S. A. Primm, M. P. Bookbinder, and G. Ledec. 1995. Una evaluación del estado de conservación de las ecorregiones terrestres de América Latina y el Caribe. Washington: World Bank, 140 p.

Frost, D. R. 2007. Amphibian Species of the World: an Online Reference. Version 5.0 (1 February, 2007). Electronic Database accessible at http://research.amnh.org/herpetology/amphibia/index.php. American Museum of Natural History, New York, USA. Captured on 25 February 2007.

Received April 2007
Accepted May 2007
Published online May 2007